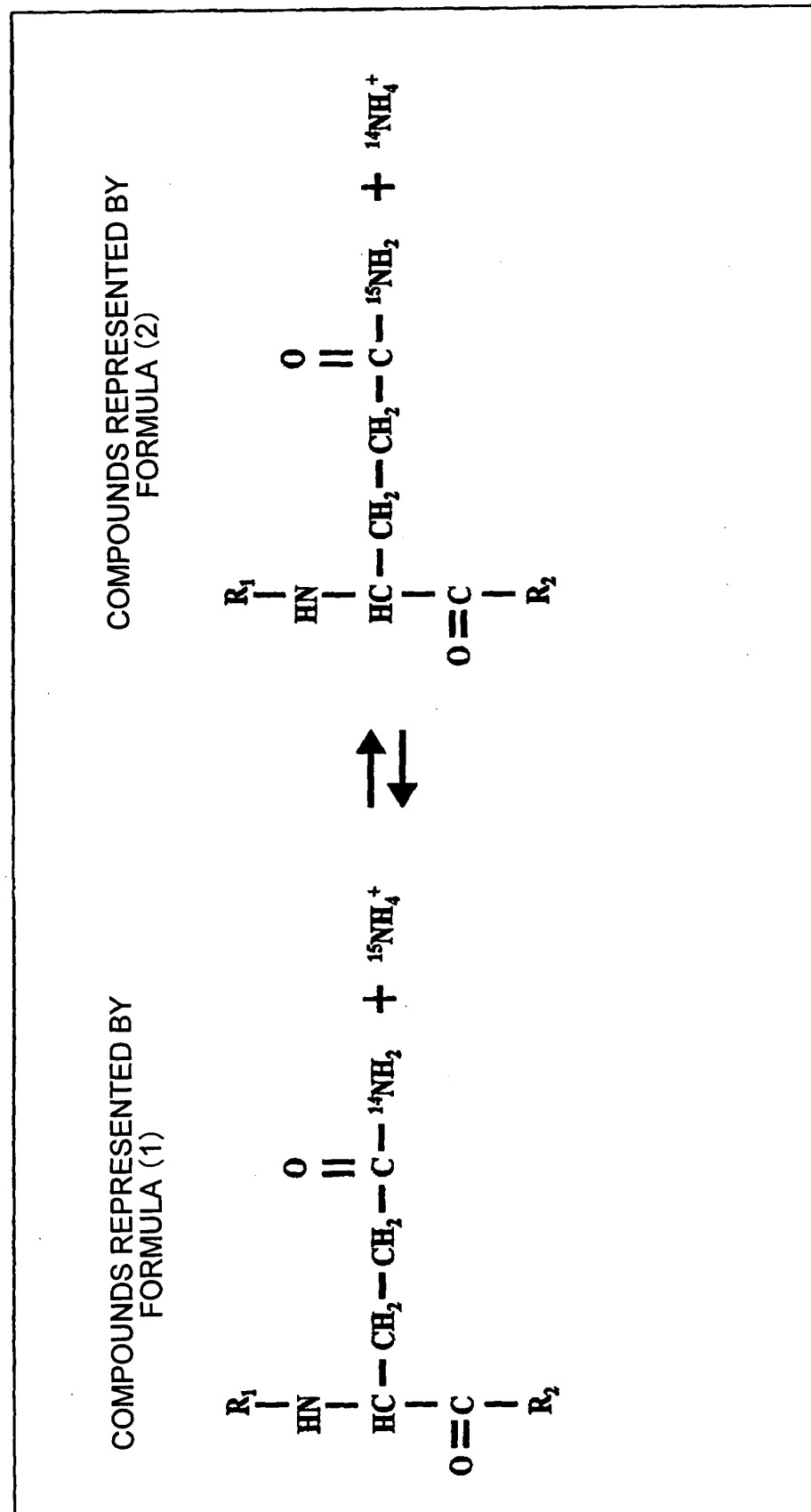


FIG. 1



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SCHEME FOR ¹⁵N-LABELING OF CARBOXAMIDE NITROGEN ATOM ON A GLUTAMINE RESIDUE

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FIG. 2a

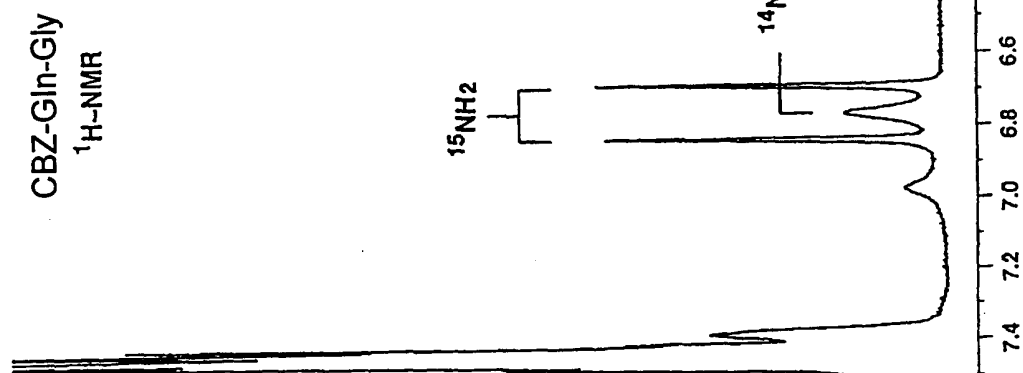
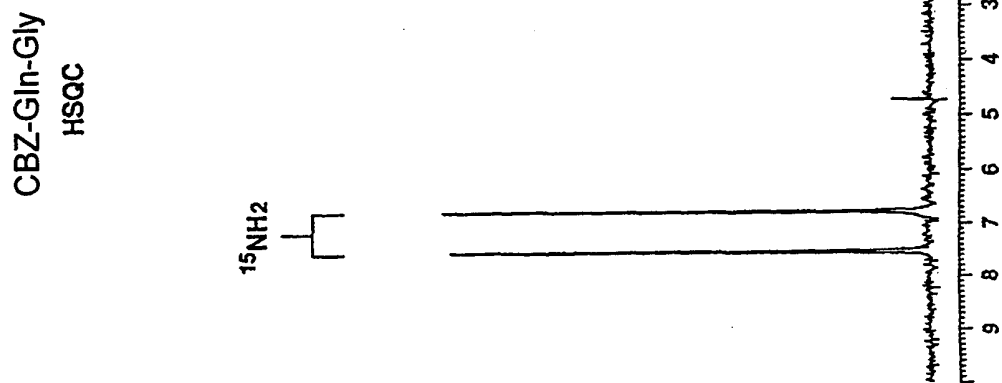


FIG. 2b

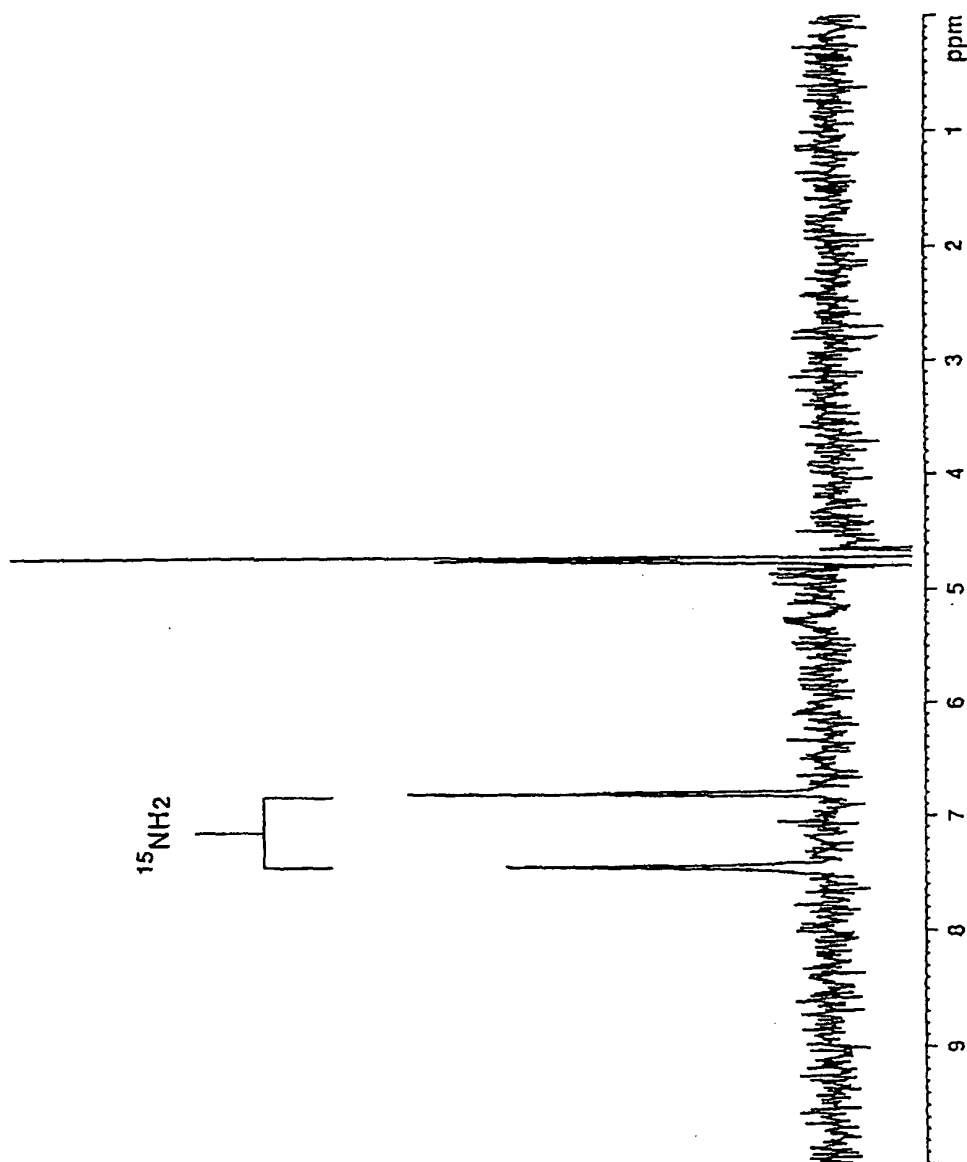


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TE0050" T0050360

FIG. 3

HSQC SPECTRUM OF INSULINE B-CHAIN



100050" T2005360

FIG. 4a

INSULINE A-CHAIN

HSQC

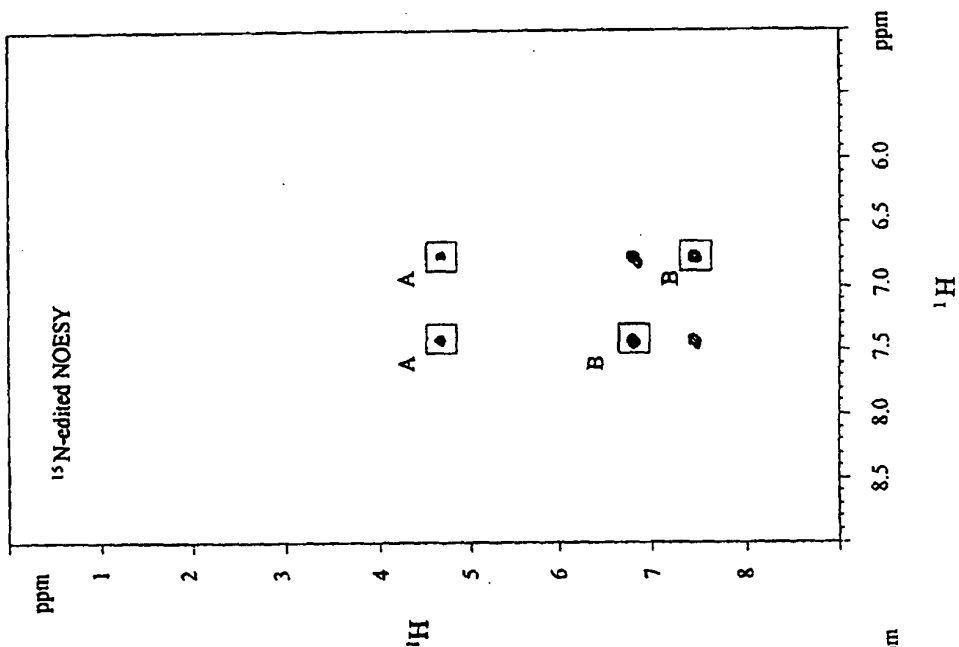
$^{15}\text{NH}_2$



FIG. 4b

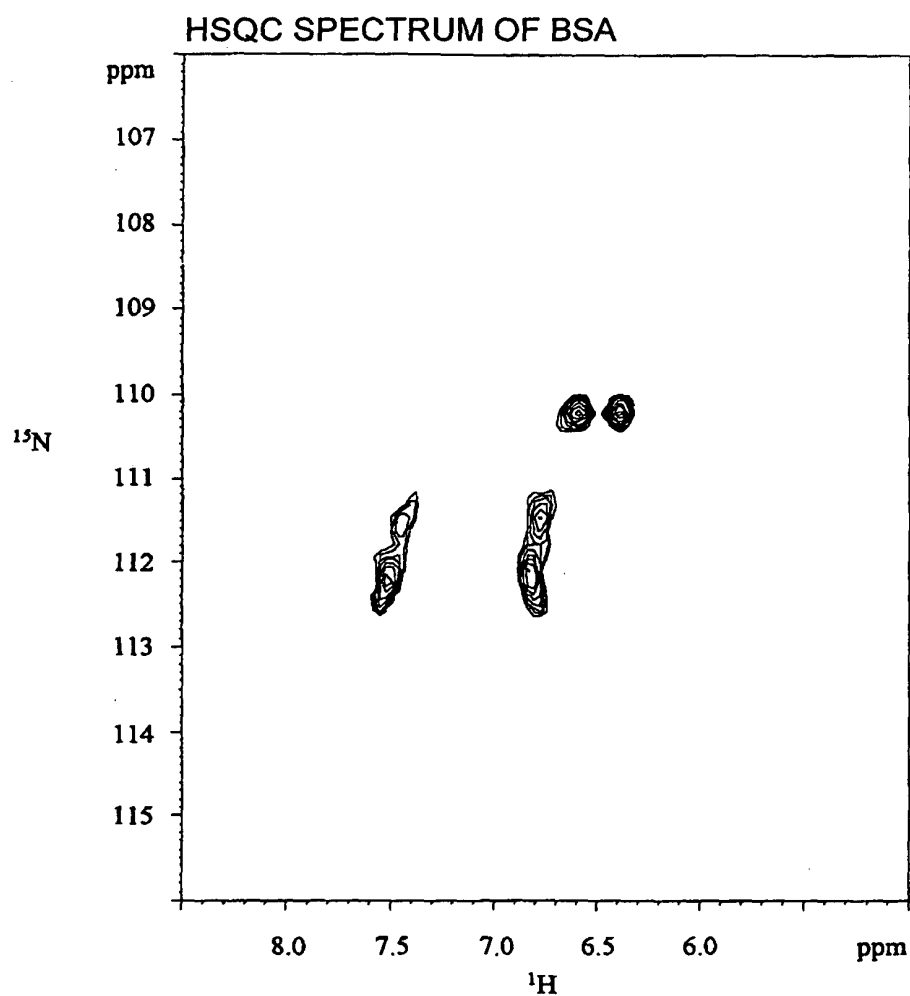
INSULINE A-CHAIN

^{15}N -edited NOESY



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FIG. 5



DOCKET # 20825US0

FOODS" FOODS60

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FIG. 6a

^{15}N -LABELING BY MTG

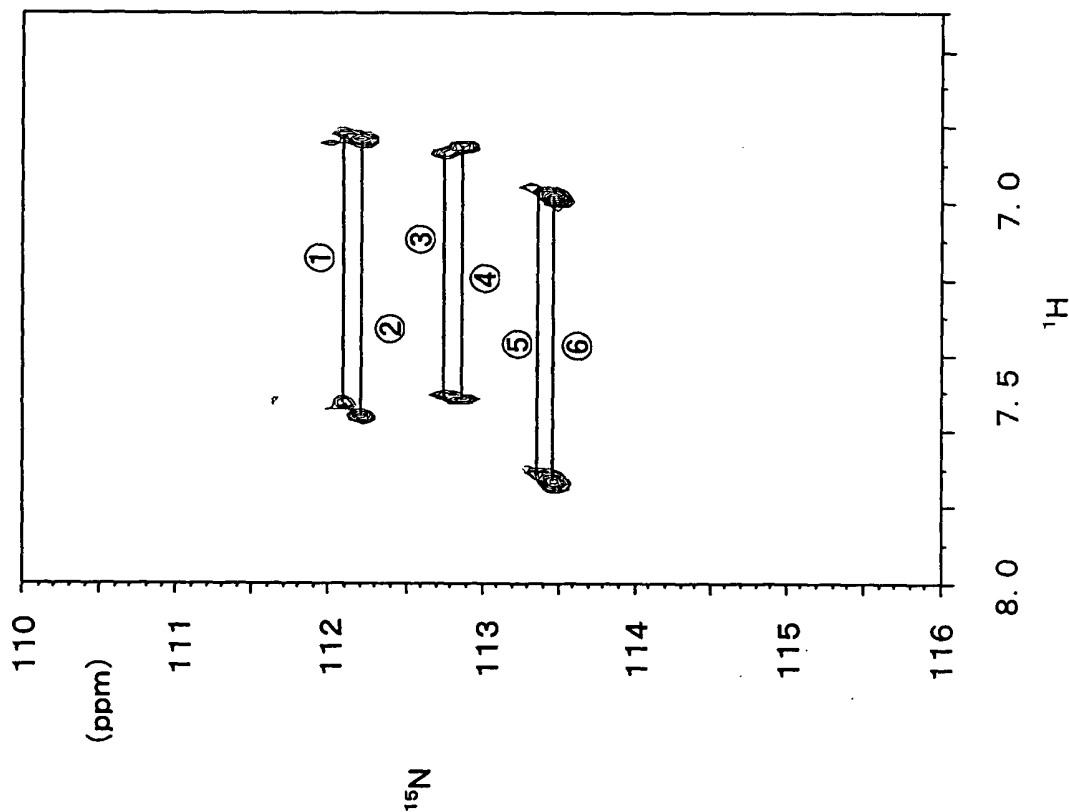
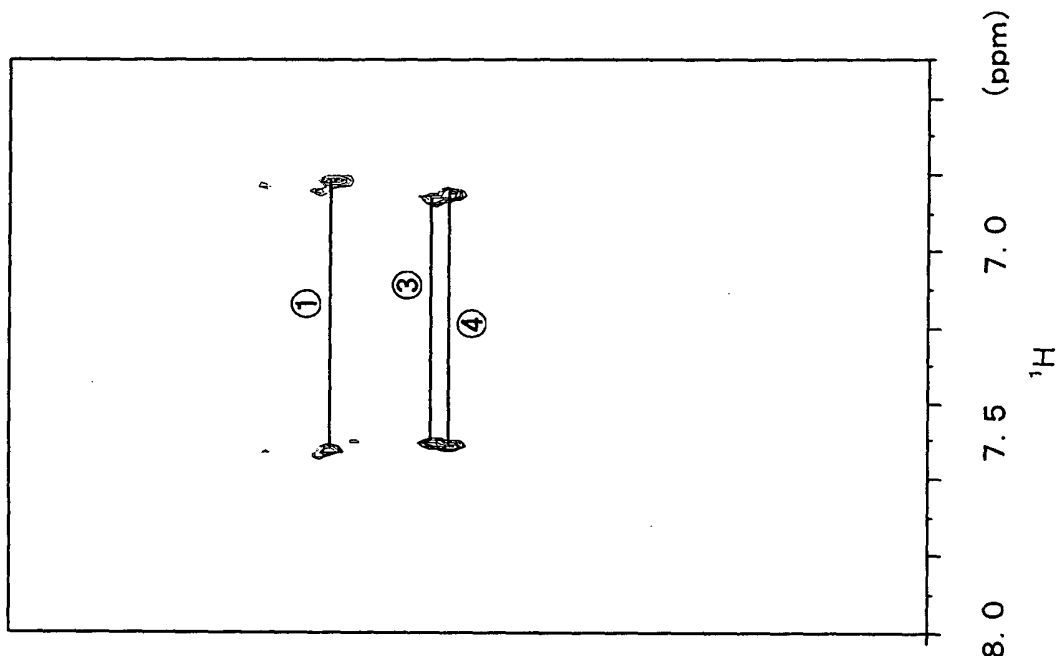


FIG. 6b

^{15}N -LABELING BY TRANSGLUTAMINASE
FROM GUINEA PIG



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FIG. 7

